White, 1675.

A New

ALMANACK

For the year of our Lord God,

1675.

Being the year from the worlds Creation, 5638.

And the 3d. from Bissextile, or Leap-year.

Calculated and properly referred to the Meridian of *Todington* in *Bedfordshire*, where the north pole is elevated above the horizon 52. degrees and 8. minutes, so that it may serve for all parts of *England*, without any sensible error.

By William White.

There is one glory of the Sun, another of the Moon, and another glory of the Stars: for one Star differeth from another Star in glory. 1 Cor. 15. 41.

Cum Privilegio.

LONDON,
Printed by Robert White, for the Company of *Stationers*. 1675.

A brief and necessary Computation of Years.

SInce the Conquest of *England* by Duke *William*	607
Since the Invention of Guns	295
Since the Art of Printing was invented	225
Since the infectious sweating Sickness	224
Since the Massacre in *France*	102
Since the whole Heavens seemed to burn with Fire	101
Since the general Earthquake in *England*	95
Since the Camp at *Tilbury* in *Essex*	87
Since the Gunpowder Treason	70
Since the Voyage to the Isle of *Ree*	49
Since the Duke of *Buckingham* murthered	47
Since the Plantation began in *New-England*	44
Since the third part of *London*-Bridge burnt	43
Since the Earl of *Strafford* was beheaded *May* 12.	34
Since the *Irish* Rebellion began *October* 23. 1641.	34
Since the fight at *Edge-hill*, *October* 23. 1642.	33
Since the fight at *Brainford*, *November*, 12. 1642.	33
Since the *Scots* entred *England*, *January* 16.	32
Since the fight at *Newbury*	31
Since *Marston Moor* fight, *July* 2.	31
Since the great fight at *Naisby*, *June* 14. 1645.	30
Since King *Charles* was beheaded, *January* 30.	26
Since *Cromwel* made General, *June* 26.	25
Since *Lilburns* tryal at *Guild Hall*, *October* 25.	25
Since the *Scots* routed at *Dunbar*, *November* 3.	25
Since the great fight at *Worcester*	24
Since King *Charles* 2. returned to *London*, *May* 29.	15
Since King *Charles* 2. was Crowned, *April* 23.	14
Since the strong Tempestuous winds, *February* 18.	13
Since three blazing Stars appeared	10
Since the last great plague in *London*	10
Since the last fight between the *English* and *Dutch*	9
Since the great fire in *London*, *September* 3, 4, 5, 6.	9
Since the Duke of *Albemarle* died	5
Since the Death of the Dutchess of *Orleans*	5

A Table to know when the Terms begin and end, and the number of their returns, with the day of the Moneth whereon they will be this preſent Year, 1675.

Hillary Term begins the 23. of *January*, and ends the 12. of *February*, and hath 4. Returns, *Viz.*	*Octab. Hillar.*	*Jan.* 20.
	Quind. Hillar.	*Jan.* 27.
	Craſt. Purif.	*Feb.* 3.
	Octab. Purif.	*Feb.* 10.

Eaſter Term begins the 21. of *April*, and ends the 17. of *May*, and hath 5. Returns, *Viz.*	*Quind. Paſchæ*	*April* 19.
	Tres Paſchæ	*April* 26.
	Menſ. Paſchæ	*May* 3.
	Quind. Paſchæ	*May* 10.
	Craſt. Aſcenſ.	*May* 14.

Trinity Term begins the 4. of *June*, and ends the 23. of *June*, and hath 4. Returns, *Viz.*	*Craſt. Trinit.*	*May* 31.
	Octab. Trinit.	*June* 7.
	Quind. Trinit.	*June* 14
	Tres Trinit.	*July* 21.

Michaelmas Term begins the 23. of *October*, and ends the 29. of *November*, and hath 6. Returns, *Viz.*	*Tres Mich.*	*Octob.* 20.
	Menſ. Mich.	*Octob.* 27.
	Craſt. Animar.	*Novemb.* 3.
	Craſt. Mart.	*Novemb.* 12.
	Octab. Mart.	*Novemb.* 18.
	Quind. Mart.	*Novemb.* 25.

Of the Eclipſes this Year 1675.

THere will be five Eclipſes of the Luminaries this year, viz. two of the Sun, and three of the Moon. And thoſe of the Moon, and one of the Sun, will be viſible in *Europe*: I ſhall mention them in order as they happen.

The firſt Eclipſe will be of the Moon, on *January* the firſt at eight a clock in the evening. This will be a total Eclipſe, and of above three hours continuance. The beginning hereof will be ſeen in *New-England*, *Guinea*, the Kingdom of *Morocco*, &c. But thoſe that inhabit *Greenland*, *Tartary*, the Weſt part of *Perſia*, *Arabia Felix*, &c. will ſee it in their Miridian: And will be viſible to us in *England*.

The ſecond is an Eclipſe of the Sun, about our ſix a clock in the morning, in the beginning of *Cancer*. It is (in part) to be ſeen of us: But will be more viſible to *Spain*, *Italy*, &c. and in *Greenland*, and ſome parts of *Tartary*, it will appear very near a total Eclipſe.

The third Eclipſe is of the Moon, on *June* 27. at our four a clock in the morning, the latter part of it may be conſpicuous in *England*, but not much, becauſe the Sun riſeth before the Eclipſe is ended. Thoſe that inhabit *Braſile*, St. *Lawrence*, the *Caribe* Iſlands, the Kingdom of the *Amazons*, &c. may ſee it in their Meridian: It will be a total Eclipſe.

The fourth Eclipſe is of the Sun, *December* 6. at our five a clock at night it is viſible as to us, becauſe beneath our Horizon above one hour and an half, and therefore I ſay no more of it.

The fifth Eclipſe is of the Moon, on *December* the 22. day, at our four a clock in the morning, and will be viſible to us. The beginning hereof will be ſeen in *Tartary*, *Perſia*, &c. It will be but a ſmall Eclipſe.

January hath xxxi. dayes.

In the beginning of a ſharp diſeaſe,
Then letting blood is good if you ſo pleaſe.
The middle age doth favour bleeding beſt,
Children and aged folks may let it reſt.

						Sun riſeth at	
1	a	New-years day.	15	breaſt		8	3
2	b	Oct. Stephen.	16	heart	Full Moon the 1.	8	2
3	c	Oct. John.	17	heart	day, 22. min. paſt	8	0
4	d	Oct. Innocents.	18	bowels	7. at night.	7	59
5	e	Edward depoſ.	19	bowels		7	58
6	f	Twelf day.	20	bowels		7	57
7	g	Julian.	21	reins		7	55
8	a	Ethardus.	22	reins	☾	7	54
9	b	Agapite.	23	ſecrets	Laſt quarter the 8	7	53
10	c	Paul.	24	ſecrets	day, 23. min. paſt	7	52
11	d	Higinis.	25	thighs	6. at night.	7	50
12	e	Sextirius.	26	thighs		7	48
13	f	Hillary.	27	knees		7	47
14	g	Felix.	28	knees		7	45
15	a	Maurice.	●	legs	●	7	44
16	b	Marcellus.	1	legs	New Moon the 15.	7	42
17	c	Antonius.	2	legs	day, 36. min. paſt	7	40
18	d	Priſca. Virg.	3	feet	9. at night.	7	39
19	e	Pontianus.	4	feet		7	37
20	f	Octab. Hillar.	5	head		7	36
21	g	Agnes Virg.	6	head		7	34
22	a	Vincent.	7	head		7	32
23	b	Term begins.	8	neck		7	30
24	c	Timothy.	9	neck	☽	7	28
25	d	Converſ. of S. Paul.	10	arms	Firſt quarter the	7	27
26	e	Policarp.	11	arms	24. day, 26. min.	7	25
27	f	Chryſoſt.	12	arms	paſt midnight.	7	23
28	g	Julian.	13	breaſt	●	7	22
29	a	Valerius.	14	breaſt	Full Moon the laſt	7	19
30	b	K. Charles mart.	15	heart	day, at 8. in the	7	17
31	c	Saturn.	16	heart	forenoon.	7	15

Thou shouldst not eat until thy stomach say,
The meat's digested which did pass that way.
For the true use of Appetite to feed,
Is Natures diet, no more than shall need.

							Sun riseth at
1	a	Bridget.	17	bowels			7 13
2	e	Purif. Mary.	18	bowels			7 11
3	f	Blase.	19	reins			7 9
4	g	Gilbert.	20	reins			7 8
5	a	Agatha.	21	secrets			7 6
6	b	Amandus.	22	secrets		☾	7 4
7	c	Paul Bish.	23	thighs	Last quarter the 6		7 3
8	d	Lucius.	24	thighs	day, at 10. at night.		7 2
9	e	Apolin.	25	knees			7 0
10	f	Scholastica.	26	knees			6 58
11	g	Euphrasia.	27	knees			6 55
12	a	Serm ends.	28	legs			6 52
13	b	Agabus.	29	legs			6 49
14	c	Shrove sunday.	●	feet		●	6 47
15	d	Faustine.	1	feet	New Moon the 14		6 44
16	e	Shrovetuesday.	2	feet	day, 4. min. past 3.		6 42
17	f	Ashwednesday.	3	head	in the afternoon.		6 40
18	g	Hugh Bish.	4	head			6 38
19	a	Sabine.	5	neck			6 36
20	b	Mildred.	6	neck			6 34
21	c	70. Martyrs.	7	neck			6 32
22	d	Peters Chair.	8	arms		☽	6 30
23	e	Policarp.	9	arms	First quarter the		6 28
24	f	S. Matthias Apost.	10	breast	22. day, 38. min.		6 26
25	g	Victorine.	11	breast	past 6. at night.		6 24
26	a	Alexander.	12	heart			6 22
27	b	Augustine.	13	heart			6 20
28	c	Oswald.	14	bowels			6 19

The Spring time doth command our dinners be
But light and little, ſparing in degree.
The Summer ſeaſon, being ſoultry hot,
Immoderate feeding ſhould be then forgot.

						Sun riſeth at
1	b	David.	15	bowels		6 18
2	c	Chad.	16	reins	Full Moon the 1.	6 16
3	d	Martin.	17	reins	day, 17. min. paſt	6 14
4	e	Adrian.	18	ſecrets	5. in the afternoon.	6 12
5	f	Euſebius.	19	ſecrets		6 10
6	g	Victor.	20	thighs		6 8
7	a	Perpetua.	21	thighs		6 6
8	b	Felix.	22	thighs		6 4
9	c	40. Martyrs.	23	knees	Laſt quarter the 8.	6 2
10	d	Agapite.	24	knees	day, 53. min. paſt	6 0
11	e	Quirion.	25	legs	8. in the forenoon.	5 58
12	f	Gregory.	26	legs		5 56
13	g	Eufrage.	27	feet		5 54
14	a	Candid.	28	feet		5 52
15	b	Longinus.	29	feet		5 50
16	c	Boniface.		head		5 48
17	d	S. Patrick.	1	head	New Moon the 16.	5 46
18	e	Edward.	2	neck	day, 50. min. paſt	5 44
19	f	Joſeph.	3	neck	8. in the forenoon.	5 42
20	g	Cuthbert.	4	neck		5 40
21	a	Benedict.	5	arms		5 38
22	b	Paulinus.	6	arms		5 36
23	c	Theodor.	7	breaſt		5 34
24	d	Agapitus.	8	breaſt	Firſt quarter the	5 32
25	e	Annunc. Mary.	9	breaſt	24. day, 27. min.	5 30
26	f	Caſtor.	10	heart	paſt 9. in the fore-	5 28
27	g	Martian.	11	heart	noon.	5 26
28	a	Palm-Sunday.	12	bowels		5 24
29	b	Quintine.	13	bowels	Full Moon the laſt	5 22
30	c	Gaido.	14	reins	day, 34. min. paſt	5 20
31	d	Adelmus.	15	reins	1. in the morning.	5 18

For drinking Beer or Ale, thus we advise,
Not to be sharp or sower in any wise.
Let them be clear, well boyl'd, malt sound and good,
Stale, and not new; all these cause healthful blood.

						Sun riseth at
1	G	Theodor.	16	secrets		5 16
2	A	Mary Egypt.	17	secrets		5 14
3	b	Richard Bish.	18	thighs		5 12
4	C	Easter day.	19	thighs		5 10
5	D	Martiman.	20	knees		5 8
6	e	Sixtus.	21	knees	☾	5 6
7	f	Egesippus.	22	legs	Last quarter the 6.	5 4
8	g	Dionisius.	23	legs	day, 34. min. past	5 2
9	a	Perpetuus.	24	legs	10. at night.	5 0
10	b	7. Virg. Mart.	25	feet		4 58
11	C	Low-sunday.	26	feet		4 56
12	D	Julius.	27	head		4 55
13	e	Justine.	28	head		4 53
14	f	Tiburtius.	29	head		4 51
15	g	Olympia.	30	neck	●	4 49
16	a	Ireneus.	1	neck	New Moon the 15.	4 47
17	b	Anicetus.	2	arms	day, 28. min. past	4 45
18	C	Valerian.	3	arms	1. in the morning.	4 42
19	d	Osmond.	4	arms		4 40
20	e	Victor.	5	breast		4 38
21	f	Term begins.	6	breast		4 36
22	g	Emmanuel.	7	heart	☽	4 34
23	a	S. George.	8	heart	First quarter the	4 33
24	b	Adelberg.	9	bowels	22. day, 15. min.	4 31
25	C	S. Mark Evang.	10	bowels	past 8. at night.	4 29
26	D	Cletus.	11	reins		4 28
27	E	Anastatius.	12	reins	○	4 26
28	f	Vitalis.	13	secrets	Full Moon the 29.	4 24
29	g	Peter Mon.	14	secrets	day, 41. min. past	4 23
30	a	Erkenwald.	15	thighs	11. in the forenoon	4 22

May hath xxxi. dayes.

Why ſhould man die (ſo doth the ſentence ſay)
When ſage grows in his Garden day by day.
And yet all Garden Phyſick not prevails,
When deaths ſtern power our chiefeſt health affails.

							Sun riſeth at
1	b	Phil. & Jac.	16	thighs			4 21
2	c	Athanaſius.	17	knees			4 20
3	d	Invent. Croſs.	18	knees			4 18
4	e	Goddard.	19	legs			4 17
5	f	Jo. port. Lat.	20	legs			4 15
6	g	Beverly.	21	legs			4 14
7	a	Staniſlaus.	22	feet	☾ Laſt quarter the 6.		4 12
8	b	Mauriton.	23	feet	day, 16. min. paſt		4 11
9	c	Gordian.	24	head	1. in the afternoon.		4 10
10	d	Anthony.	25	head			4 8
11	e	Mamert.	26	head			4 7
12	f	Chriſtopher.	27	neck			4 6
13	g	Aſcention day.	28	neck			4 4
14	a	Servatius.	●	arms	●		4 3
15	b	Sophia.	1	arms	New Moon the 14.		4 2
16	c	Adelgune.	2	arms	day, 2. min. paſt 4.		4 1
17	d	Term ends.	3	breaſt	in the afternoon.		3 59
18	e	Potentius.	4	breaſt			3 58
19	f	Bernardine.	5	heart			3 57
20	g	Ellen.	6	heart			3 56
21	a	Urbanus.	7	bowels			3 55
22	b	Deſiderius.	8	bowels	☽		3 45
23	c	Whitſunday.	5	eins	Firſt quarter the		3 53
24	d	Servulus.	10	reins	22. day, 21. min.		3 51
25	e	Urban.	11	eins	paſt 2. in the morn-		3 50
26	f	Bede.	12	ſecrets	ing.		3 49
27	g	Coronis.	13	ſecrets			3 48
28	a	Monica.	14	highs	●		3 48
29	b	K. Charles 2. N.R.	15	highs	Full Moon the 28		3 48
30	c	Trinity ſunday.	16	knees	day, 18. min. paſt		3 48
31	d	Petronel.	17	knees	6. at night.		3 48

Hyſop a purging herb is held to be,
And flegme forth from the breaſt it ſendeth free.
Being ſod with honey, then it comfort ſends
The ſtomach, and the Lungs it much befriends.

					Sun riſeth at
1	g Nicomede.	18	egs		3 48
2	f Marcelline.	19	egs		3 47
3	g Eraſmus.	20	feet		3 47
4	a Term begins.	21	feet		3 46
5	b Boniface.	22	feet	☾	3 46
6	c Claudius.	23	head	Laſt quarter the 5	3 46
7	d Wolſtane.	24	head	day, 21. min. paſt	3 45
8	e Medard.	25	neck	5. in the morning.	3 45
9	f Felician.	26	neck		3 45
10	g Margaret.	27	neck		3 45
11	a Barnabas.	28	arms		3 45
12	b Baſil.	29	arms		3 45
13	c Felicula.	●	breaſt	●	3 45
14	d Valerius.	1	breaſt	New Moon the 13	3 45
15	e Modeſius.	2	heart	day, 16. min. paſt	3 45
16	f Rowland.	3	heart	5. in the morning.	3 45
17	g Botolph.	4	heart		3 45
18	a Marceline.	5	bowels		3 46
19	b Gervaſius.	6	bowels		3 46
20	c Silverius.	7	reins	☽	3 46
21	d Walburg.	8	reins	Firſt quarter the	3 46
22	e Albane.	9	ſecrets	20. day, 49. min.	3 47
23	f Term ends.	10	ſecrets	paſt 7. in the fore-	3 47
24	g S. John Baptiſt.	11	thighs	noon.	3 48
25	a Eligius.	12	thighs		3 48
26	b John and Paul.	13	knees		3 49
27	c 7. Sleepers.	14	knees	○	3 50
28	d Leo Biſh.	15	egs	Full Moon the 27	3 51
29	e S. Peter Apoſt.	16	egs	day, 34. min. paſt	3 51
30	f Paul.	17	egs	3. in the morning.	3 53

July hath xxxi. dayes.

In great Conſumptions learn'd Phyſitians think,
'Tis good on Goats or Camels milk to drink:
Cows milk, and Sheeps do well; but yet an Aſſes
Is beſt of all, and all the other paſſes.

						Sun riſeth at
1	g	Theobaldus.	18	feet		3 55
2	a	Viſit. Mary.	19	feet		3 56
3	b	Hiacinth.	20	head		3 57
4	c	Anſelm.	21	head	☾	3 58
5	d	Tranquiline.	22	head	Laſt quarter the 4	3 59
6	e	Hector.	23	neck	day, 11. min. paſt	4 0
7	f	Martialis.	24	neck	10. at night.	4 1
8	g	Grambold.	25	arms		4 2
9	a	Cyrillus.	26	arms		4 3
10	b	7. Brethren.	27	breaſt		4 4
11	c	Pius.	28	breaſt		4 5
12	d	Henry.	●	breaſt	●	4 6
13	e	Margar.	1	heart	New Moon the 12.	4 7
14	f	Bonavent.	2	heart	day, 16. min. paſt	4 8
15	g	S. Swithin.	3	bowels	4. in the after-	4 10
16	a	Oſmond.	4	bowels	noon.	4 11
17	b	Alextus.	5	reins		4 12
18	c	Roſina.	6	reins		4 14
19	d	Dog days begin.	7	ſecrets	☽	4 16
20	e	Margaret.	8	ſecrets	Firſt quarter the	4 17
21	f	Daniel.	9	thighs	19. day, 31. min.	4 19
22	g	Mary Mag.	10	thighs	paſt 11. in the fore-	4 20
23	a	Apollin.	11	knees	noon.	4 22
24	b	Chriſtin.	12	knees		4 23
25	c	S. James Apoſt.	13	knees		4 24
26	d	Ann. Mo. Mary.	14	legs	○	4 25
27	e	Martha.	15	legs	Full Moon the 26	4 26
28	f	Sampſon.	16	feet	day, 47. min. paſt	4 27
29	g	Beatrix.	17	feet	2. in the afternoon.	4 29
30	a	Abdon.	18	head		4 31
31	b	German.	19	head		4 33

Auguſt hath xxxi. dayes.

Sweet wine to urine is a ſtop or ſtay,
To looſeneſs in the Belly, it makes way.
It harmeth both the Liver and the Spleen:
Cauſing the Stone, as hath by proof been ſeen.

					Sun riſeth at
1	☾	Lammas day.	20	head	4 35
2	♑	Stephen.	21	neck	4 37
3	♑	Dominicus.	22	neck	4 39
4	♑	Juſtin.	23	arms	Laſt quarter the 3. 4 41
5	♑	Oſwald.	24	arms	day, 17. min. paſt 4 43
6	♑	Sixtus.	25	arms	3. in the afternoon 4 45
7	♑	Victrice.	26	breaſt	4 47
8	☾	Cyriacus.	27	breaſt	4 48
9	♑	Auguſtus.	28	heart	4 50
10	♑	Lawrence.	29	heart	4 52
11	♑	Tiburtius.	●	bowels	4 54
12	♑	Clare.	1	bowels	New Moon the 11 4 56
13	♑	Hipolite.	2	reins	day, 46. min. paſt 4 58
14	♑	Euſebius.	3	reins	3. in the morning. 5 0
15	☾	Aſſum. Mary.	4	ſecrets	5 1
16	♑	Roch.	5	ſecrets	5 3
17	♑	Mamance.	6	thighs	5 5
18	♑	Helen.	7	thighs	Firſt quarter the 5 7
19	♑	Sebaldus.	8	thighs	17. day, 39. min. 5 8
20	♑	Bernard.	9	knees	paſt 4. in the after- 5 10
21	♑	Cyriaca.	10	knees	noon. 5 12
22	☾	Symphor.	11	legs	5 14
23	♑	Zacheus.	12	egs	5 16
24	♑	S. Barchol. Apoſt.	13	feet	5 18
25	♑	Lewis.	14	feet	● 5 20
26	♑	Severine.	15	feet	Full Moon the 25. 5 22
27	♑	Dog days end.	16	head	day, 25. min. paſt 5 24
28	♑	Auguſtine.	17	head	4. in the morning. 5 26
29	☾	S. John beheaded.	18	neck	5 28
30	♑	Felix.	19	neck	5 30
31	♑	Paulinus.	20	neck	5 32

September hath xxx. dayes.

The fall of leaf, or Autumn doth deny
Eating much fruit, great harm enſues thereby.
But in the Winter, cold doth then require
Such a full meal, as nature can deſire.

						Sun riſeth at
1	f	Gyles.	21	arms		5 35
2	g	Veronica.	22	arms	☾	5 37
3	a	Gregory.	23	breaſt	Laſt quarter the 2.	5 40
4	b	Theodoſia.	24	breaſt	day, 57. min. paſt	5 42
5	C	Zacharius.	25	breaſt	7. in the morning.	5 44
6	D	Magnus.	26	heart		5 46
7	e	Regina.	27	heart		5 48
8	f	Nat. Mary.	28	bowels		5 50
9	g	Gorgonius.	●	bowels	●	5 52
10	a	Hilarius.	1	reins	New Moon the 9	5 54
11	b	Felix.	2	reins	day, 54. min. paſt	5 56
12	C	Guidon.	3	ſecrets	10. in the forenoon	5 58
13	D	Amatus.	4	ſecrets		5 0
14	e	Holy Croſs.	5	thighs		6 2
15	f	Nichomede	6	thighs		5 4
16	g	Ephemia.	7	knees	☽	6 6
17	a	Lampert.	8	knees	Firſt quarter the	5 8
18	b	Fereolus.	9	legs	16. day, 44. min.	5 10
19	C	Januarius.	10	legs	paſt midnight.	6 12
20	D	Euſtace.	11	legs		6 14
21	e	S. Mathew Apoſt.	12	feet		6 16
22	f	Maurice.	13	feet		6 18
23	g	Eſdras.	14	head	●	6 20
24	a	Ropert.	15	head	Full Moon the 23.	6 22
25	b	Cleophas.	16	neck	day, 30. min. paſt	6 24
26	C	Ciprian.	17	neck	8. at night.	6 26
27	D	Judith.	18	neck		6 28
28	e	Wenceſlaus.	19	arms		6 30
29	f	S. Michael Arch.	20	arms		5 32
30	g	Jerome.	21	arms		6 34

Saffron doth glad the heart, being ſick and ill,
But yet too much, endangereth to kill.
Defect ve members, it doth comfort kindly:
And next, reſtores the Liver very friendly.

						Sun riſeth at
1	a	Remigius.	22	breaſt	☾	6 36
2	b	Leodegar.	23	breaſt	Laſt quarter the	6 38
3	☾	Maximinian.	24	heart	firſt day, 29. min.	6 40
4	D	Francis.	25	heart	paſt 11. at night.	6 42
5	e	Placidus.	26	bowels		6 44
6	f	Faith Virg.	27	bowels		6 46
7	g	Sirgius.	28	reins		6 48
8	a	Pelagia.	●	reins	●	6 50
9	b	Dioniſius.	1	ſecrets	New Moon the 8.	6 51
10	☾	Gereon.	2	ſecrets	day. 47. min. paſt	6 54
11	D	Burchard.	3	thighs	7. at night.	6 56
12	e	Colman.	4	thighs		6 58
13	f	S. Edward.	5	knees		7 0
14	g	Calixtus.	6	knees		7 1
15	a	Hedwig.	7	legs	☽	7 2
16	b	Gallus.	8	legs	Firſt quarter the	7 5
17	☾	Florentius.	9	legs	15. day, 11. min.	7 7
18	D	S. Luke Evangeliſt	10	feet	paſt 1. in the after	7 9
19	e	Ptolom.	11	feet	noon.	7 11
20	f	Edmond. K.	12	head		7 13
21	g	Urſula.	13	head		7 15
22	a	Cordula.	14	head	○	7 17
23	b	Term begins.	15	neck	Full Moon the 23.	7 19
24	☾	Salome.	16	neck	day, 22. min. paſt	7 21
25	D	Criſpin.	17	arms	2. in the after-	7 22
26	e	Amandus.	18	arms	noon.	7 24
27	f	Capitoline.	19	arms		7 26
28	g	S. Simon & Jude.	20	breaſt	☾	7 28
29	a	Narciſſus.	21	breaſt	Laſt quarter the	7 30
30	b	Theoneſtus.	22	heart	laſt day, 47. min.	7 32
31	☾	Wolfgang.	23	heart	paſt 1. in the after-	7 34
					noon.	

Againſt the Collick, take Nettle-ſeed and Hony,
Is Phyſick, better none is had for Money:
It breedeth ſleep, ſtaies vomits, flegmes doth ſoften,
It helps him of the Gout, that eats it often.

Sun riſeth at

1	d	All Saints.	24	bowels		7	35
2	e	All Souls.	25	bowels		7	36
3	f	Theophilus.	26	bowels		7	38
4	g	Pierius.	27	reins		7	39
5	a	Powder Plot.	28	reins		7	41
6	b	Leonard.	29	ſecrets		7	43
7	c	Florentius.	●	ſecrets	●	7	44
8	d	Claudius.	1	thighs	New Moon the 7.	7	45
9	e	Theodore.	2	thighs	day, 24. min. paſt	7	46
10	f	Triphon.	3	knees	5. in the morning.	7	48
11	g	S. Martin.	4	knees		7	49
12	a	Guidon.	5	legs		7	51
13	b	Brice.	6	legs		7	54
14	c	Frederick.	7	feet	☽	7	55
15	d	Leopaldus.	8	feet	Firſt quarter the	7	58
16	e	Othmar.	9	head	14.day,6. min.paſt	7	59
17	f	Hugh.	10	head	5. in the morning.	8	0
18	g	Gelaſius.	11	head		8	1
19	a	Elizabeth.	12	neck		8	3
20	b	Agapinus.	13	neck		8	4
21	c	Mary.	14	neck	●	8	5
22	d		15	arms	Full Moon the 22.	8	6
23	e	Clement.	16	arms	day,8. min. paſt 9.	8	7
24	f	Chryſog.	17	breaſt	in the forenoon.	8	8
25	g	Katherine.	18	breaſt		8	9
26	a	Conrade.	19	heart		8	10
27	b	Agricola.	20	heart	☾	8	10
28	c	Rufus.	21	heart	Laſt quarter the	8	11
29	d	Term ends.	22	bowels	laſt day, 27. min.	8	11
30	e	S. Andrew Apoſt.	23	bowels	paſt 1. in the morn-	8	12
					ing.		

December hath xxxi. dayes.

Ripe Cherrys breeds good blood, and helps the ſtone,
If Cherry you do eat, and Chery-ſtone.
To cloſe your ſtomach, well this order ſuits,
Cheeſe after fleſh, Nuts after fiſh or fruits.

Sun riſeth at

1	f	Egidius.	14	reins		8	12
2	g	Candid.	15	reins		8	12
3	a	Lucius.	6	ſecrets		8	13
4	b	Barbara.	27	ecrets		8	13
5	C	Sabine.	28	thighs		8	14
6	D	Nicholas.	●	thighs	●	8	14
7	e	Agathon.	1	knees	New Moon the 6.	8	15
8	f	Conc. of Mary.	2	knees	day, 10. min. paſt	8	15
9	g	Joachim.	3	egs	4. in the afternoon.	8	15
10	a	Miltiades.	4	egs		8	15
11	b	Damaſus.	5	eet		8	15
12	C	Epimachus.	6	eet			15
13	d	Lucy Virg.	7	eet	☽	8	15
14	e	Nicaſius.	8	head	Firſt quarter the	8	15
15	f	Valerian.	9	head	13. day, at 2. in the	8	15
16	g	O ſapientia.	10	neck	afternoon.	8	14
17	a	Lazarus.	11	eck		8	14
18	b	Chriſtopher.	12	eck		8	14
19	C	Nemeſius.	13	arms		8	14
20	d	Julian.	14	rms		8	13
21	e	S. Thomas Apoſt.	15	breaſt	●	8	13
22	f	Theodoſe.	16	breaſt	Full Moon the 22.	8	12
23	g	Victor Virg.	17	breaſt	day, 2. min. paſt 3.	8	11
24	a	Adam and Eve.	18	heart	in the morning.	8	11
25	b	Chriſts Birth.	19	heart		8	11
26	C	S. Stephen.	20	bowels		8	10
27	d	S. John Evang.	21	bowels	☾	8	9
28	e	S. Innocents.	22	reins	Laſt quarter the	8	8
29	f	Thomas Becket.	23	reins	29. day, 45. min.	8	7
30	g	David King.	24	ſecrets	paſt 10. in the fore-	8	6
31	a	Silveſter.	25	ſecrets	noon.	8	5

A Table to know how long the Moon ſhineth, and when ſhe riſeth and ſetteth

Moons age increaſing.	The hours ſhe ſhines.		Her age decreaſing.
☽	H.	M.	☾
1	0	48	29
2	1	36	28
3	2	24	27
4	3	12	26
5	4	0	25
6	4	48	24
7	5	36	23
8	6	24	22
9	7	12	21
10	8	0	20
11	8	48	19
12	9	36	18
13	10	24	17
14	11	12	16
15	12	0	15

The uſe of this Table is this: The age of the Moon once known, and found in the ſide of the Table, then anſwering thereto, ſhall ye ſee the hours and minutes of her ſhining, to be counted from the Sun-ſetting, all the encreaſing till the full, and till then ſhe ſhineth in the evenings; and after the full ſhe ſhineth before the Sun-riſe in the morning, ſo many hours before the Sun-riſe as the Table ſheweth. And for her riſing and ſetting do thus all the encreaſe: Add to the hour of the Sun-riſing the hours found in the Table, and it ſhews the hour of her riſing. Again, add to the hour of the Sun-ſetting the hours and minutes found in the Table, and that is the hour of her ſetting. Then after the full, for her riſing do thus: From the Sun-riſing, take the hours found in the Table, and the reſt ſhews the riſing; and from the hour of the Sun-ſetting, take the hours found in the Table (borrowing twelve, if the ſubſtraction cannot elſe be made) and the reſt ſheweth the ſetting of the Moon.

The glorious Planet Venus is our evening-Star until January the 27 day, and after that becomes Oriental, or our bright-morning-Star, and ſo continues unto November the 10 day; and afterwards to the years end is Occidental, or our evening-Star again.

A Table of Intereſt at Six *per Cent.*

		a day		a week.		a month.			3 months.			6 months.			a year.		
		l.	*c.*	*s.*	*d.*	*c.*	*s.*	*d.*	*c.*	*l.*	*s.*	*d.*	*c.*	*l.*	*s.*	*d.*	*c.*	*l.*	*s.*	*d.*	*c.*
Shillings	1	0	00	0	1		0	0	6	0	0	0	18	0	0	0	36	0	0	0	72
	2	0	00	0	3		0	0	12	0	0	0	36	0	0	0	72	0	0	1	44
	3	0	00	0	4		0	0	18	0	0	0	54	0	0	1	08	0	0	2	16
	4	0	00	0	5		0	0	24	0	0	0	72	0	0	1	44	0	0	2	88
	5	0	00	0	7		0	0	30	0	0	0	90	0	0	1	80	0	0	3	60
	6	0	00	0	8		0	0	36	0	0	1	8	0	0	2	03	0	0	4	32
	7	0	00	0	10		0	0	42	0	0	1	26	0	0	2	52	0	0	5	04
	8	0	00	0	11		0	0	48	0	0	1	44	0	0	2	88	0	0	5	76
	9	0	00	0	12		0	0	54	0	0	1	62	0	0	3	24	0	0	6	48
	10	0	00	0	13		0	0	60	0	0	1	80	0	0	3	60	0	0	7	20
Pounds	1	0	40	0	27		0	1	20	0	0	3	60	0	0	7	20	0	1	2	40
	2	0	80	0	55		0	2	40	0	0	7	20	0	1	2	40	0	2	4	80
	3	0	120	0	82		0	3	60	0	0	10	80	0	1	9	60	0	3	7	20
	4	0	15	0	1	10	0	4	80	0	1	2	40	0	2	4	80	0	4	9	60
	5	0	19	0	1	38	0	6	00	0	1	6	00	0	3	0	00	0	6	0	0
	6	0	23	0	1	65	0	7	20	0	1	9	60	0	3	7	20	0	7	2	40
	7	0	27	0	1	93	0	8	40	0	2	1	20	0	4	2	40	0	8	4	80
	8	0	31	0	2	21	0	9	60	0	2	4	80	0	4	9	60	0	9	7	20
	9	0	35	0	2	48	0	10	80	0	2	8	40	0	5	4	80	0	10	9	60
	10	0	39	0	2	76	1	0	00	0	3	0	00	0	6	0	00	0	12	0	0
	20	0	79	0	5	52	2	0	00	0	6	0	00	0	12	0	00	1	4	0	0
	30	1	18	0	5	28	3	0	00	0	9	0	00	0	18	0	00	1	16	0	0
	40	1	38	0	11	14	4	0	00	0	12	0	00	1	4	0	00	2	8	0	0
	50	1	97	1	1	80	5	0	00	0	15	0	00	1	10	0	00	3	0	0	0
	60	2	36	1	4	57	6	0	00	0	18	0	00	1	16	0	00	3	12	0	0
	70	2	76	1	7	33	7	0	00	1	1	0	00	2	2	0	00	4	4	0	0
	80	3	15	1	10	9	8	0	00	1	4	0	00	2	8	0	00	4	16	0	0
	90	3	55	2	0	85	9	0	00	1	5	0	00	2	14	0	00	5	8	0	0
	100	3	94	2	3	16	10	0	00	1	10	0	00	3	0	0	00	6	0	0	0

THis Table ſhews the Intereſt of any ſum of Money from 1 *s.* to 100 *l.* from a day to a year. And by the help of Addition you may compute the Intereſt of any ſum whatſoever. And note, that for the greater exactneſs the peny is divided into 100 parts; ſo that 25 parts are a farthing, and 50 parts an half-peny, and 75 parts 3 farthings, *&c. Example:*

The Intereſt of 100 *l.* for ſix months one week and one day, is thus found by the Table.

		l.	*s.*	*d.*	*c.*		
Intereſt of 100 *l.*	for 6 mon.	03	00	00	00	*l.*	*s.* *d.*
	for 1 week.	00	02	03	61	*viz.*	3-2-7 half-pen.
	for a day.	00	00	03	94		
		03	02	07	55		

A CATALOGUE

Of the Fairs

In England and Wales;

Revised, Corrected, and Enlarged.

Fairs in January.

The 3 day at Llanibither, 5 at Hickerford in Lancashire, 6 at Salisbury, Bristol, 7 at Llanginny, 25 at Laighton-buzzard, Bristol, Churchingford, Northallerton in Yorkshire, Gravesend, 31 at Llandissel.

Fairs in February.

The 1 day at Bromly in Lancashire, 2 at Bath, Bicklesworth, Bugworth, Farrington, Goldemew, Lyn, Maidston, Reading, Beconsfield, the Vizes in Wiltshire, Whitland, 3 at Boxgrove, Brimley, 6 at Stafford for six days with all kind of merchandise without arrest, 8 at Tragaron, 9 at Landaff, 14 at Owndle in Northamptonshire, Feversham, 24 at Baldock, Bourn, Fraam, Buckingham, Henly upon Thames, Higham-Ferries, Tewksbury, Uppingham, Walden, 26 at Stanford an horse-fair.

Fairs in March.

The 1 day at Langadog, Llangevellath, at Madrin, 3 at Bremwel-brakes in Norfolk, 4 at Ockham, 8 at Tragarton, 12 at Spaford, at Stamford, at Sudbury, Woburn Wrexam, Bodnam, Alsome in Norfolk, 13 at Wye,

Bodwin in Cornwal, Mountbodwin, 17 at Patrington, 18 at Sturbridge, 20 at Alesbury, Durham, 24 at Lanerchemith, 25 at Saint Albans, Ashwel in Hertfordshire, Burton, Cardigan, Cartwalden in Esser, Huntington, Saint Jones in Worcestershire, Malden, Malpas, Newcastle, Northampton, Olney in Buckinghamshire, Woodstock, Whitland, Great Chart, 31 at Walmsbury.

Fairs in April.

The 2 at Hitchin, Northstreet, Rochford, 3 at Leek in Staffordshire, 5 at Wallingford, 7 at Derby, 8 at Fenny-stratford, 9 at Billingsworth, 11 at Newport-Pagnel, 22 at Stadford, 23 at Impthil, at Bewdley, Buton, Bridgstock, Billon, Bury in Lancashire, Castlecombs, Charing, Chichester, Engfeild in Sussex, Gilford, Bishops-Hatfield, Hunningham, Ipswich, Kilbrough, Lonquer, Northampton, Nutley in Sussex, Saint Pombes, Sawbridgworth, Lamworth, Wilton, Worcham, Kilsborough, Yarbin in Norfolk, Sapser in Hartfordshire, 25 at Kisborough, Bourn in Lincolnshire, Buckingham, Cleve in Wiltshire, Cliff in Sussex, Colebrook, Luton in Bedfordshire, Dunmow in Esser, Darby, Innings in Buckinghamshire, Okham, Utoxeter, Winchcomb, 26 at Lenterden in Kent, Clere.

Fairs in May.

The 1 day at Andover, Blackburn in Lancashire, Bridgehil, Dillo in Bedfordshire, Chelmsford, Congerton in Cheshire, Folkingham, Grigynowel, Kilnar, Leighton, Leicester, Litchfield, Lexfield in Suffolk, Linfield, Larrissent, Louth, Walsoken, Lestre in Shropshire, Perin, Philips-

lips-Norton, Pombridge, Reading, Ripon, Stanſted, Stow the old, Stocknailand, Turſord in the Clay, Usk, Yaberil, Warwick, Wendover, Worſworth if not Sunday, 2 at Powlthely in Carmarthenſhire, 3 at Abergavenny, Ashborn-peak, Arundel, Bramyard, Bala, Cherſey nèr Datlands, Chipnam, Church-Stretton in Shropſhire, Cowbridge in Glamorganſhire, Darby, Denby, Elſtow by Bedford, Hinningham, Methyr, Mounton, Non-Eaton, Hudderſield, Rotchdale in Lancaſhire, Tidnel, Walton-Abby, Thetford in Norfolk, 5 at Marchenleth in Mountgomeryſhire, 6 at Almsbury, Hoy, Knighton, 7 at Bath, Beberly, Hanſtop, Newton in Lancaſhire, Hatsbury, Oxford, Stratford upon Avon, Thunderley in Eſſex, 9 at Paidſton, 10 at Ashborn-peak, 11 at Dunſtable, 12 at Grays-Thorock in Eſſex, 13 at Bala in Merion, 15 at Welch-Pool in Mountgomeryſhire, 16 at Langarranog in Cardigan, 19 at Mayfield, Odehil, Rocheſter, Wellow, 20 at Blackburn, 29 at Cramback, 31 at Pershore.

Fairs in June.

The 3 day at Alesbury, 9 at Waidſton, 11 at Holt, Kinwilgate in Carmarthenſhire, Marfield, Newborough, Newcaſtle in Emlin, Dekingham, Wellington, Newport-Pagnel, Shipton upon Stowr, Bremel in Norfolk, 13 at Newton in Kedewen in Mountgomeryſhire, 14 at Bangor, 15 at Wizes, Pershore 7 miles from Worcester, 16 at Wealth in Brecknock, Newport in Reames, 17 at Hadſtock, Higham-Ferries, Llandilling, Stowgran, 19 at Bridgenorth, 21 at Pstradmerick, 22 at Saint Albans, Shrewsbury, Durham in Norfolk, 23 at Barnet,

Dolgelly in Merion. 24 at Ashburn, S. Annes, Awkinborough, Bedford, Bedle, Beverly, Bishopscastle, Broughton-green-Market, Bosworth, Brecknock, Broomsgrove, Cambridge, Colchester, Cranbrook, Croyden, Farnam, Hurst, Kingston in Warwickshire, Kirkham in Aunderness, Lancaster, Liecester, Gloucester, Hallifar, Hertford, Hareston, Horsham, Lincoln, Ludlow, Pemsay, Preston, Reading, Romford, Shaftsbury, Straitstock, Tunbridge, Wakefield, Wenlock, Westchester, Windsor, Wormster, York, 26 at Northop, 27 at Burton upon Trent, Folkston, Landogain, 28 at Hescorn, Merchenleth, S. Pombes, 29 at Ashwel, Bala, Barkhamsted, Bennington, Biballance, Bolton, Bromly, Buckingham, Buntingford, Cardiffe, Gorgang, Hodesdon, Holnworth, Horndon, Huddurfield lower, Knotsford, Lempster, Lamorgon, Lambeder, Marlborough, Mountsorel, Munstril, Oney, Peterborough, Peterfield, Pontstephen, Sarstrange, Sennock, Southam, Stafford, Stockworth, Sudburn, Thorokgrais, Tring upon Wem, Westminster, Witney, Wolverhampton, Woodhurst, York, 30 at Wakefield in Cheshire.

Fairs in July.

The 2 day at Ashton under line, Congerton, Huntington, Rickmansworth, Smeath in Kent, Swandley, Woburn, 3 at Haverson, 5 at Burton upon Trent, 6 at Haverhil, Llanibither, Llanidlas, 7 at Canterbury, Albrighton, Burntwood, Chippingnorton Castlemain, Chappelfrith, Canterbury, Denbigh, Emlin, Haverford, Richmond, Royston, Shelford, Swerton, Tenbury, Threshevimich, Uizes, Uppingham

11 at Pacy-Lin, Pattney, 13 at Fodringhay, 14 at Greenstead, Laighton-buzzard, Finchbeck, 17 at Stevenage, Welth, Rnelms, Læk, Ladbilling, 20 at Winchcomb, Awkerton, Warkway, Warley, Woulton, Wowlin, Gatesby, Chimmock, Coolidg, Llanibither, S. Margarets, Neath, Odiham, Lenby, Wrbridge, Woodstock, 21 at Bernards-castle, Battlefield, Wicklestworth, Billericay, Bridgnorth, Broughton, Caln, Clitheral, Colchester, 22 at Chesham, Ickleton, Keswich, Kimolton, Kingston, Mawdlinhil, Win, Hey, Marlborough, Newark upon Trent, Norwich, Ponterly, Kidwally, Roking, Stonystratford, Stokesbury, Tudbury, Witheral, Withgrig, Padeland, Yern, 23 at Carnarvan, Chelton, 25 at Cromish by Wallingford, Abingdon, Ashwel, Aldergam, Baldock, Barkhamsted, Bilson, Bolton, Bristol, Bromsgrove, Bromly, Brodoke, Buntingford, Camden, Capel-Jago, Chichester, Darby, Doncastle, Dober, Dudly, Frith, Hartfield, Saint James London, Saint James by Northampton, Ipswich, Kingston, Lisle, Kirkham, Linfield, Liverpool, Louth, Malpas, Malmsbury, Machenbleth, Kabenglais, Reading, Richmond the North, Rosse, Saffron-walden, Schirual, Skipton, Stamford, Stackpol, Strone, Themblegreen, Thickham, Thrapston, Tilbury, Trobridg, Walden, Warrington, Witherby, Wigmore, 27 at Ashwel, Canterbury, Chappel-frith, Horsham, 30 at Stafford.

Fairs in August.

The 1 at Bedford, Chepitow, Dunstable, St. Eeds, Exeter, Feversham, Flint, Hay, Horsnay, Kaermarthen, Kaergwilly, Llantrissent,

Lawiwin, Lubford, Loughborough, Malling, Newton in Lancashire, Newcastle upon Trent, Northam, Church-Rumney, Shrewsbury, Selborn, Selby, Thaxted, Wisbich, Eland, York, 4 at Radnor, Lincton, 6 at Bradney, Peterburgh, 9 at Aberlew, 10 at Bedford, Alchurch, Banbury, Blackamoor, Bodwin, Bramford, Childly, Choreley, Croyley, Frodishant, Fulsea, Harley, Hewckhurst, Horn-castle, Hungerford, Fellow, Kenwilgal, Kilgarton, Ludlow, Marras, Melton-Mowbray, Mearworth, Newborough, Owndle, Rugby, Sedole, Sherborn, Loceter, Waltham-Abby, Weyden, Wormster, Winslow, 15 at S. Albans, Bolton, Cambridge, Carlisle, Cardigan, Gisborough, Godhurst, Hinkly, Huntington, Luton, Marlborough, Newin, Northampton, Newport in Monmouthshire, Preston, Kajadargwy, Ross, Stow in Lincolnshire, Stroud, Swanley, Tuxbury, Wakefield, Whitland, Yminith, 24 at Aberconway, Abrough, Ashby de la Zouch, Beggersbush, Bromly, Brigstock, Chorely, Crelano, Dover, Daring, Grinsby, Harwood, Kidderminster, London, Mountgomery, Monmouth, Nantwich, Narthallerton, Norwich, Oxford, Sudbury, Lewksbury, Loddington in Bedfordshire, Watford, 28 at Ashford, Daintry, Sturbridge in Worcestershire, Watford, Wan, Talisarn-green, Welch-Pool, 29 at Brecknock, Colb in Lincolnshire, Kaerwis, Karmarthen, Oakham, Watford. Monday after Barthol. at Sanbich.

Fairs in September.

2 At Chappel-Silby, S. Giles, Neath, 7 at Ware, Woodbury-Hill, 8 at Therston, Bewmaris, Blackborn, Brewood, Bury in Lancashire,

shire, Cardigan, Cardiff, Charton, Chalston in Cheshire, Drayton, Dryfield, Gisborough, Cliborn, Hartford, Huntington, Llandissel, Malden, Northampton, Partney, Reculver, Smeath, Snide, Southwark, Sturbridge, Tenby, Utceter, Wakefield, Waltham on the Woulds, West-Neath, Whiteland, 12 at Worsworth, Walpit, Luxford, 13 at Newtown, Redwin, Powlthely, 14 at Abergaveny, Alesbury, Cheping-Wocomb, Barsley, Church-stretton, Chesterfield, Denbigh, Hidom, Hisbury, Muncten, Newborough, Newport, Penhad, Rippon, Richmond, Rosse, Rockingham, Smalding, Stratford upon Avon, Waltham-Abby, Wotton under hedg, 15 at Rujadarwy, 17 at Cliff, Llanidlas, 20 at Llanvelly, Ruthin, 21 at Abergwilly, Baldock, Bedford, Braintry, Brackly Maiden, Bulwich, Canterbury, Dover, Clapon, Croyden, Daintry, Eastrid, St Edmondsbury, Heimsley, Holden, Katherin-Hill, Knighton, Kingston, Ware, Marlborough, Malden, Mildnal, Nottingham, Peterborow, Shrewsbury, Stratford, Vizes, Wendover, Witheral, Woodstock, 23 at Pancridg in Staffordshire a great horse-fair; 24 at Llanvilling, Molton a week, 26 at Darby, 28 at Dolgeth, Kaermarthen, 29 at Lame, Stow the old, Aberton, Aberconway, Albons, Hshbornpeak, Balmstock, Basingstoke Bishop-Stratford, Blackburn, Bunningham, Buckland, Burwel, Canterbury, Chichester, Cockermouth, Marketdeeping, Micheal-Dean, Headley, Hay, Higham-Ferries, S. Ives, Kingston, Hull, Killingworth, Kingsland, Lawenham, Lancaster, Leicester, Llanidlas, Llanveth-angel,

Llocher,

Llocher, Ludlow, Malden, Merchanleth, Methyr, Newbury, Selby, Shelford in Bedfordshire, Sittingbourn, Stow in Lincolnshire, Tuddington, Uxbridge, Weyhil, Weymer seven days, Westchester, Witham, Woodhamferry in Essex, Wokham, Yeaple, Llocer.

Fairs in October.

1 At Banbury, Caster, 2 at Salisbury, 3 at Bolton in the Moors, 4 at St. Michael, 6 at Havent in Hamshire, Maidstone in Kent, 8 at Bishop-Stratford, Chichester, Hereford, Llanibither, Pontstephen, Swanley, 9 at Ashburnpeak, Blich, Devises, Gainsborough, Harborough, Sawbridgworth, Thorock-Grayes, 11 at Newport-Pagnel, 12 at Bolton furnace, Langobeth, 13 at Aberrow, Charing, Creston, Colchester, Drayton, Edmunstow, Gravesend, Hitchen, Newport in Monmouthshire, Hadnet, Leiton-buzzard, Marshfield, Royston, Stopford, Stanton, Tamworth, Windsor, Graychester in Essex, 18 at Henden in Wiltshire, Ashwel, Banbury, Barnet, Wittle, Brickhil, Bridgnorth, Bishops-Hatfield, Burton upon Trent, Charleton, Regis Cliff, Ely, Faringdon, Henly in Arden, Holt, Bidwelly, Isk, Lowhadden, Marlo upon Thames, Middlewich, Newcastle, Radnor, Thrist, Tisdale, Tunbridge, Uphaven, Wellingborough, Wigham, Wrigley, York, 19 at Frideswin by Oxford, 21 at Saffron-Walden, Cicester, Coventry, Hereford, Llanbither, Lentham, Stokesley, 22 at Wicklesworth, Knotsford-lower, Ratsdale, Preston, Whitchurch, 25 at Beverley, 27 at Darnton, 28 at Bidderden in Bedfordshire, Aberconway, Abbydolazouch, Bidderden, Hallaton, Hartford

ford, Lemster, Llanedy, Newmarket, Preston in Aunderness, Stamford, Talisarn-green, Warwick, Wilton, Worcester; Fryday before Simon and Jude at Oxford, 31 at Abermales, Chelmsford, Ruthin, Powlethelly, Stokesley, Wakefield.

Fairs in November.

1 At Bicklesworth, Castlemain, Kellom, Montgomery, Ludlow, 2 at Blechingly, Bishops-castle, Elmere, Kingston upon Thames, Lek, Loughborough, Mayfield, Warfield, York, 3 at Kaermarthen, 5 at Welch-Pool, 6 at Andover, Bedford, Brecknock, Hertford, Lesford, Mailing in Kent, Merton in Holderness, Newport-Pond, Pembridge, Salford, Stanley, Trigney, Wadlinton, Wetshod, 10 at Aberwingreen, Lenton in Northamptonshire, Llanbither 7 days, Rugby, Shefnal, Wem, 11 at Aberkennen, Bretlingham, Dover, Folkingham, Warlborough, Monmouth, , Newcastle, Emlin, Shaftsbury, Skipton on Craven, Tream, Withgrig, York, 13 at St. Edmondsbury, Gilford in Surry, 15 at Llanithinery, Marchenleth, Wellington, 17 at Harlow, Hide, Lincoln, Northampton, Spalding, 19 at Horsham in Kent, 20 at S. Edmondsbury, Heath, Ingerston, 22 at Penibont, Sawtrey, 23 at Bangor, Bwelth, Caerlin, Frome, Ludlow, Ratescros, Sandwich in Kent, 25 at Luddington in Bedfordshire, 27 at Higham-Ferries, 28 at Ashborn-peak, 29 at Lawrest, 30 at Ampthil, Baldock, Bedford in Yorkshire, Bewbley, Boltonmart, Bradford, Collingborough, Cobham, Cubley, Engfield, Gargreen, Greensted in Sussex, Harleigh, Kimbolton, Maidenhead, Maidenbrackley,

Carbert,

Carbert, Deestry, Peterfield, Pecozes, Preston, Rochester, Wakefield, Warrington.

Fairs in December.

1 At Tutbury, 5 at Dolgeth, Newton, Pluckley, 6 at Arundel, Casen, Saint Eeds. Exeter, Grantham, Heddingham, Hethin, Hoznsey, Nozwich, Sennok, Spalding, Woodstock, 7 at Sandhurst, 8 at Bedfozd, Bewmarts, Clitheral, Helsome, Kaerdigan, Kimar, Leicester, Malpas, Nozthampton, Wittland, 11 at Newpozt-Pagnel, 21 at Hozuby, 22 at Llanditlabawz, 29 at Canterbury, Kayston, Salisbury.

The Moveable Fairs.

From Christmas till June, every Wednesday at Nozthallerton. 3 Mundays after Twelfthday at Huckley in Leicestershire. Tuesday after Twelfthday, at Weltonmowbray, and an horse-fair at Salisbury. Thursday after Twelfth-day at Banbury, Littlewozth, and every Thursday 3 weeks after. Friday after Twelfth day at Litchfield. Shrove-Munday at Newcastle under line, Barkhamsted, Ash-Wednesd. at Abington, Camden in Glocestershire, Cicester, Dunstable, Eaton by Windsoz, Exceter, Folkingham, Litchfield, Kayston, Tamwozth, Lunbridge. 1 Thursday in Lent at Banbury. 1 Munday in Lent at Chersey, Chichester, Winchester. 1 Tuesday in Lent at Bedfozd. 4 Munday in Lent at Odiham, Satfozn-Walden, Stamfozd. Friday and Saturday before the 5 Sunday in Lent at Hartfozd. Munday before Annuntiation at Denby, Kendal, Wisbich. 5 Munday in Lent at Grantham, Heirom in Sussex, Salisbury, Sud-

bury.

bury. Wednesday before Palm-sunday at Drayton. Thursday before Palm-sunday at Llandissel. Palm-sunday Eve at Alisbury, Leicester, Newport, Pomfract, Skipton, Wisbich. Palm-munday at Billingsworth, Kendal, Llandauren, Worcester. Wednesday before Easter at Kaerlin, Llanbilling. Maund-Thursday at Kettering, Sudminster. Good-Friday at Acton-Burnel, Ampthil, Bishops-castle, Bruton, Bury, Charing, Engfield, Gilford, Hinning, Ipswich, Lonquer, Mellain, Nutley, Saint Pombs, Risborough, Rotheram. Tuesday in Easter-week at Brails, Daintry, Hitchin, Northfleet, Rotchford, Sanbich, Ashby de la Zouch. Wednesday in Easter-week at Wellingborough, Weberley, Redburn. Friday in Easter-week at Darby, Saturday at Skipton. Munday after Low-sunday at Bickleswerth, Ebesham, Newcastle. Third Munday after Easter at Lowth: Rogation-week at Weberly, Engfield, Rech. Ascention-Eve, at Abergely, Darking. Ascention-day at Wenmaris, Bishopstratford, Brasted, Brunning, Bridgnorth, Burton, Chappelfrith, Chappelkinon, Eccleshal, Egglesrew, Hallaton, Kiderminster, Lutterworth, Middlewich, Newcastle, Rippon, Rosse, Strappor, Sudminster, Uzes, Wigan, Yang. Munday after Ascention-day at Charsteed, Burlington. Wednesday after Ascention-day at Shrewsbury. Friday after Ascention-day at Ruthin. Whitsunday-Eve at New-Inn, Skipton upon Craven, Wisbich. Whitsun-Munday at Cribb, Kirbysteben, Lenhim, Ratsdale, Rybil, Salisbury, Agmondham, Amesford, Appleby, Bickleswerth, Bradford, Bromiard, Burton, Chiche-

Chichester, Cockermouth, Darrington, Evesham, Exeter, Harstgran, S. Ives, Linton, Owndle, Rigate, Shelford, Sittingborn, Sleeford, Mitlome, Whitchurch, Darrington in the North, Drifield, Stockcheer. Whit-Luesday at Ashby, Canterbury, Daintry, Elsmere, Faringdon, Knotsford, Laiton-buzzard, Lewes, Longuer, Long Milford, Llanimthevery, Melton Mowbray, Midhurst, Monmouth, Perith, Rochford, Dringst. Wednesday at Llanwedder, Llandeby, Leck, Newark upon Trent, Ponstephen, Royston, Sandhar. Thursday at Cukefield, Kingston. Friday at Cockshal, Darby, Stow in Guillim. Trinity-Eve at Pomfret, Rowel, Skipton, Urin. Munday at S. Mary Awke, Kendal, Hounslow, Southcove, Stockly, Criswel, Raily, Spisby, Watford, Lunbridge, Vizes. Luesday after Trinity at Abergavenny, Radnor. Wednesday at Averfrow. Corpus Christi day at S. Annes, Banbury, Bishop Stratford, Bremingham, Carewed, Eglefrew, Hallaton, Haligh, Kidderminster, Llanwist, Llanimerchimeth, Neath, Newport, Prescot, S. Eeds, Stamford, Stopport, Newburn, Hemsted, Ross. Friday after Corpus Christi at Coventry, Chepstow in Monmouthshire. Munday after at Belton, Stamford. Munday after July 3 at Haveril. Munday fortnight after Midsum. at Foddringay. The 1 Munday after Bartholo. at Sanbitch in Chesh. Munday after S. Michael at Faiely, S. Faiths by Norwich, S. Michaels. Luesday at Salisbury. Thursday at Banbury. Munday fortnight after Whitsund. at Darnton, & every Munday fortnight after, until Christmas. The Friday before Sim. and Jude at Litchfield.

A Table to know what Planet rules every hour either of day or night, for ever.

Governours of the day:	Sunday.	Munday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saterday.	Rulers of the night.
Sol.	1	12	9	0	10	0	11	Jupiter.
Venus.	2	0	10	0	11	1	12	Mars.
Mercury.	3	0	11	1	12	2	0	Sol.
Luna.	4	1	12	2	0	3	0	Venus.
Saturn.	5	2	0	3	0	4	1	Mercury.
Jupiter.	6	3	0	4	1	5	2	Luna.
Mars.	7	4	1	5	2	6	3	Saturn.
Sol.	8	5	2	6	3	7	4	Jupiter.
Venus.	9	6	3	7	4	8	5	Mars.
Mercury.	10	7	4	8	5	9	6	Sol.
Luna.	11	8	5	9	6	10	7	Venus.
Saturn.	12	9	6	10	7	11	8	Mercury.
Jupiter.	0	10	7	11	8	12	9	Luna.
Mars.	0	11	8	12	9	0	10	Saturn.

The use of this Table is thus:

Under the day of your request, seek the hour that ye desire: then on the left side right there against shall ye see the Planet that governs that hour by day, and at the right side the Planet that rules it by night; as thus. On Thursday the third hour of the day rules Sol, and the eighth hour of the night governs Luna: and so of the rest, for it is plain enough.

A Table of all the Shires, together with the number of Pariſhes contained in every Shire both in *England* and *Wales*.

39 ENGLAND. 8856

Shires.	*Pariſhes.*
1 Barkſhire	140
2 Bedfordſhire	116
3 Buckingham	185
4 Cambridgeſhire	163
5 Cheſhire	68
6 Cumberland	58
7 Cornwal	161
8 Darbiſhire	106
9 Devonſhire	394
10 Dorſetſhire	248
11 Eſſex	415
12 Glouceſterſhire	280
13 Hartfordſhire	120
14 Hereford ſhire	176
15 Huntingtonſhire	78
16 Kent	398
17 Lancaſhire	36
18 Leiceſterſhire	200
19 Lincolnſhire	630
20 Middleſex	73
21 Norfolk	660
22 Northampton	320
23 Northumberland	168
24 Nottinghamſhire	168
25 Oxfordſhire	280
26 Richmondſhire	104
27 Rutlandſhire	47
28 Shropſhire	170
29 Somerſetſhire	385
30 Southampton	253
31 Staffordſhire	130
32 Suffolk	575
33 Surrey	140
34 Suſſex	312
35 Warwickſhire	158
36 Weſtmorland	26
37 Wiltſhire	304
38 Worceſterſhire	152
39 Yorkſhire	359
13 WALES	965
1 Angleſey	74
2 Brecknockſhire	61
3 Cardiganſhire	64
4 Carmarthenſhire	87
5 Carnarvonſhire	68
6 Glamorganſhire	118
7 Denbighſhire	57
8 Flintſhire	28
9 Merionethſhire	37
10 Monmouthſhire	127
11 Montgomery	47
12 Pembrokeſhire	145
13 Radnorſhire	52

Rules

Rules of Mensuration.

A Fingers breadth is four Barly-corns in thickness; and an Inch three Barly-corns in length: A hands breadth four fingers: A span is three hands breadth: A Foot is four hands breadth: A Geometrical Pace is five foot: An English Pearch is sixteen foot and half: A furlong is a hundred and twenty five Paces, or six hundred twenty and five foot: An English Furlong is six hundred and threescore foot, or a hundred thirty two paces: A League is a thousand and five hundred paces: An Italian Mile is a thousand Paces, or eight Furlongs: A common German Mile is thirty two Furlongs: An English Mile is eight Furlongs: An Acre is forty Pearches in length, and four in breadth.

How to judge what Weather will follow, by the rising and setting of the Sun.

The Sun rising bright and clear, signifieth a pleasant day: If he rise fiery red, it promiseth rain: If in his rising he be thinly overcast with a cloud, it betokeneth foul weather: If the Sun drive the Clouds before him into the West, it signifieth fair weather: If at his rising there appear a circle about him, and vanisheth away equally, it betokeneth fair weather. Also if he setteth red, it signifieth fair weather: If at his setting he be of divers colours, or clouds like water, it threatens rain. If at the rising of the Sun, his beams seem red, or long, or encompassed with red Clouds, it signifieth great winds: If at his rising there appear a thick mist, or if it raineth in the evening, it threatneth very foul weather to follow. Also if the Sun beams be spotted either green, pale, or black, or gathered to a Cloud, it signifieth rain. The Sun setting clear without any Cloud, signifieth a fair night to ensue. If the circle or circles about the Sun be clear, and of no continuance, look for fair weather: If there be many circles, it signifieth winds: the redder they are, the more behement winds. If the circles are here and there broken, and are thick and black, look for cold wind or snow: or if he settle behind a great black Cloud, rain follows.

How Weather is foreknown by the Moon.

If the Moon in the third day of her change, or three days before her full, or in the midst of the quarter, be found of pure light, nothing compassing her, the ends direct up, she promiseth fair weather: but bent to red colour, provoketh winds. The Moon pale, or somewhat black or thick, threatneth rain. When the Moon is five days old, mark the tips of her horns: if they be blunt, it signifieth rain; if sharp-pointed and pricking upwards, great winds. If in the fourth day

after her change, she have a red circle about her, it signifieth winds and rain.

Of the judgment of Weather by the Stars.

IF the Stars appear of much light, and seem to be of more vignels and blazing than ordinary, it betokeneth great winds and moisture in that part where they seem to; and in Winter, great Frosts. When dim Stars appear with long fiery tayls, it threatneth winds, and great drought: the more in number, the greater will be the effect. Also when Stars seem to shoot or fall, it signifieth great winds in that place: If they seem to shoot in divers places, it signifieth divers winds: If in all places, winds, thunder, lightning, and most tempestuous weather.

How to judge of the Weather by the Clouds.

BLack Clouds flying from the east, signifieth rain at night; if from the west, rain the next day; if they flye low, and appear to settle upon the tops of hills, it is a signe of cold weather; if they be full charged, and appear white like towers, hail is at hand: If white clouds appear in winter, two or three days together at sun-rising, it is a signe of cold and snow; but black clouds signifie rain. A red sky in the evening, and a gray morning, is a signe of a fair day. Mists falling in the morning, in Spring or Harvest, also mists over ponds or waters in the morning, shew rain. If the clouds fly swiftly in the Air, it signifies rain from that part of the heavens, especially from the north or south. If thick white clouds gathered together in many places like flocks, or heaps of wool, appear in many places, it is a signe of rain: but if thick dark clouds towards the north or west neer the earth, presently rain; and if like hills a little above the earth, foul weather is over. If mists descend from the hills, and settle in the valleys, it is a signe of fair hot weather next day; or if white mists arise from the waters in the evening.

How to judge of the Weather by the Rain-bow.

THe natural signification of the Rain-bow, is to shew rain either past or to come. The Rain-bow appearing when it is fair, is a signe of foul weather; when it is foul if it appear, it is a signe of fair weather: the greener it appears, the more rain; the redder, the more wind: if before noon, then the rain is spent; if the rain-bow appear about one or two in the afternoon, then rain is neer. A rain-bow in the morning is a signe of wet (unless there be drought in the air): if it appear in the evening, it is a signe of fair weather (unless the air aboand with moisture.) A rain-bow at night opposite to the Moon, is a signe of much small rain and wind to follow. A rain-bow after long rain, is a signe of fair weather presently; if two rain-bows appear together, it is a signe of rain within one or two days after.

The

The Assize of Bread plain for all weights.

Town-bakers in Corporations.	By Troy-weight, having twelve ounces in a pound, and twenty penny weight in each of those 12 ounces.									By Avoir-du-pois, viz. over-weight having 16 oun. in the l. our common weight.						Country bakers out of Corp.
Price of Wheat.	peny White			Wheaten			houshold			White		Whea.		housh.		Price of Wheat.
s. d.	li.	un.	d.	li.	un.	d.	li.	un	d.	un.	q.	un.	q.	un.	q.	s. d.
2 0	1	3	6	1	11	0	2	6	12	17	0	25	1	34	0	2 3
2 3	1	2	2	1	9	2	2	4	4	16	0	23	0	32	0	2 6
2 6	1	1	0	1	7	10	2	2	0	15	0	21	1	30	0	2 9
2 9	1	0	1	1	6	0	2	0	2	13	2	19	3	27	0	3 0
3 0	0	11	5	1	4	18	1	10	10	12	1	18	3	24	2	3 3
3 3	0	10	11	1	3	16	1	9	2	11	2	17	1	23	0	3 6
3 6	0	9	19	1	2	17	1	7	18	11	0	16	1	22	0	3 9
3 9	0	9	8	1	2	1	1	6	16	10	1	15	2	20	2	4 0
4 0	0	8	18	1	1	7	1	5	16	9	3	14	3	19	2	4 3
4 3	0	8	9	1	0	12	1	4	17	9	1	14	0	18	2	4 6
4 6	0	8	1	1	0	0	1	4	2	8	3	13	1	17	2	4 9
4 9	0	7	13	0	11	10	1	3	6	8	1	11	3	16	2	5 0
5 0	0	7	0	0	11	0	1	2	14	8	0	12	0	16	0	5 3
5 3	0	7	1	0	10	10	1	2	1	7	3	11	2	15	2	5 6
5 6	0	6	15	0	10	2	1	1	10	7	2	11	0	15	0	5 9
5 9	0	6	10	0	9	14	1	1	0	7	0	10	2	14	0	6 0
6 0	0	6	5	0	9	6	1	0	10	6	3	10	1	13	2	6 3
6 3	0	6	0	0	9	0	1	0	0	6	2	10	0	13	0	6 6
6 6	0	5	16	0	8	15	1	11	12	6	1	9	2	12	2	6 9
6 9	0	5	12	0	8	9	1	0	0	6	0	9	1	12	1	7 0

The proportion of the pound Avoir-du-pois to the pound Troy, is as 60 to 73; so that 60 pounds Avoir-du-pois are equal to 73 pounds Troy. The proportion of the ounce Troy to the ounce Avoir-du-pois, is as 73 to 80; so that 73 ounces Troy are equal to 80 ounces Avoir-du-pois. Therefore the pound Avoir-du-pois is greater than the pound Troy: and the ounce Troy is greater than the ounce Avoir-du-pois.

Wheat at 5 shillings the Buthel or Strike, the Town-Bakers penny-white, is (by Troy) 7 ounces, 7 penny weight; by Avoirdu-pois 8 ounces: And the Country Bakers penny weight (by Troy) 7 ounces 13 penny weight; by Avoir-du-pois 8 ounces and 1 quarter.

A brief Diſcourſe of all kinds of Meteors.

Of Clouds.

A Cloud is a vapour cold and moiſt, drawn up by the heat of the Sun into the middle Region of the Air, where being condenſed with cold, they are carried about of the wind, and are oftentimes diſperſed by the ſame. Touching their diſtance from the earth, the common opinion is, that they are never above nine miles in height; others think they never exceed three; and many times they aſcend not above half a mile from the earth.

Of Rain.

Rain is nothing elſe but a cloud, which is a cold vapour raiſed from the earth and waters into the middle Region of the Air, and with the heat either of the Southern wind, or any other wind of hot temper, doth diſſolve into water, and ſo falleth in drops upon the earth. And here you are to note, that the great diſtance of the clouds from the earth, and the ſmall heat that diſſolves them, cauſeth ſmall drops; but if it be diſſolved with great heat, or elſe be of ſmall diſtance from the earth, then are the drops of rain the greater, and more vehement.

Of Snow.

Snow is a cold congelated by great cold before it be perfectly reſolved from vapours into water. The reaſon why ſnow lieth longer on the hills, than in the Valleys, is becauſe their tops are cold, as being neerer to the middle Region of the Air; ſo that many times it ſnows on the hills, when it rains in the valleys.

Of Hail.

Hail cometh of rain congelated into ice, or it is a hot va-

vapour in the middle Region of the Air, and by the cold thereof is condenſed into a cloud, which falling down, is by ſuddain cold of the loweſt Region congealed into hail. The faſhion of hail is round for the moſt part, eſpecially when it is generated in the middle Region of the Air; but being ſquare, or three corner'd, it is generated neer the Earth. The moſt uſual times of the year for hail, are *April* and *October*, becauſe then there wants neither hot vapours to reſiſt the cold, nor ſufficient cold to harden the drops of rain, from whence it proceedeth: Whereas in winter there wants hot vapours, and in ſummer the Air is too hot to congeal the drops of rain as they fall down. Moreover, hail is ſooner diſſolved into water than ſnow; which is, becauſe it is more ſpeedily generated: and yet in the night-time hail ſeldom falls, becauſe there are no hot vapours then to be drawn up.

Of Froſt and Dew.

Froſt (and dew, being partly of the ſame matter) is a cold and moiſt vapour, drawn up in the day-time by the heat of the Sun into the lower Region of the Air, where, by the coldneſs of the night it is condenſed into water, and diſtilleth down upon the earth: and if by the means of cold it be congealed, it is called Froſt. Beſides this common Dew, there are other ſorts of ſweet Dews, one kind whereof is called *Manna*, which is white like ſugar, being generated of thick and clammy vapours; and this falleth only in the Eaſtern parts of the world. But as for that *Manna* which God rained to the *Iſraelites*, it was altogether miraculous, *Joſh.* 5. 12. *Exod.* 16. 18.

Of the Rain-bow.

The Rain-bow is cauſed by the beams of the Sun ſtriking upon a hollow, thin, and moiſt cloud, which is always oppoſite unto the Sun, wherein (according to the thinneſs or thickneſs of the cloud) doth appear to the eye ſeveral colours,

colours, as of red, yellow, and green; and although the Rain-bow have a natural cauſe, yet it is appointed by God to be a ſigne unto us, that the world ſhall no more periſh by an univerſal deluge of waters, *Gen.* 9. 14, 15.

Of Thunder.

Thunder is an exhalation hot and dry, which being drawn up into the middle Region of the Air, and there incloſed in the body of a thick cold cloud (ſo that the hotneſs of the exhalation cannot agree with the coldneſs of the place) it ſuddainly breaketh out, and renteth the cloud aſunder; which violent eruption maketh a noiſe like the renting of cloath, or the quenching of a hot-iron in cold water, which we call Thunder: yet if the exhalation be ſmall, and the cloud in all places not of equal thickneſs; then it breaketh out of thoſe places with a kind of huzzing only. But if the exhalation be great in quantity, and very hot and dry in quality, and the clouds alſo very thick and apt to retain it, that it cannot eaſily eſcape out, it doth ſo vehemently ſhake the clouds, that it cauſeth a terrible noiſe, rumbling like the crack of a great gun, eſpecially when it burſteth the cloud aſunder, and hath liberty to paſs into the open air; inſomuch that the cloud being thus broken and diſſolved by the heat of the exhalation, it falleth downwards, and then follows (for the moſt part) a violent ſhower of rain.

Of Lightning.

Of Lightnings there be four kinds; the firſt is called *Fulgetrum*; the ſecond *Corruſcatio*; the third *Fulgur*; and the fourth *Fulmen*.

1. *Fulgetrum* is ſaid to be that kind of lightning which is ſeen in ſummer-evenings after a hot day, which is generated when many thin and hot exhalations are by immoderate heat drawn up a little diſtance from the earth, where meeting with cold, either of the night in the loweſt Regi-

on,

on.or elſe of the Air in the middle Region,they are beaten back and by the ſlow motion thereof,are ſet on fire. This kind of lightning is ſeldom hurtful; yet ſometime when it is ſtricken to the earth, it blaſteth corn, and fireth thatched houſes, with other ſmall hurt.

2. *Coruſcatio* is an appearance of fire,or lightning,which may happen two manner of ways. Firſt, when clouds that are neer the earth are enflamed, whoſe reflection appears to our ſight like lightning. Secondly, when clouds aſcend one above another, and there is a kind of inflammation in the upper part of theſe Clouds, and the light thereof is perceived through the lower parts as though it lightned; and this is many times without thunder.

3. *Fulgur* is that kind of lightning that uſually followeth thunder; for when the violence of the exhalation beateth againſt the cloud and breaketh forth, it is ſet on fire, and caſteth a great light a long way off. Now the reaſon why the lightning appears before we hear the thunder,is cauſed by the quickneſs of our ſight, which precedes the motion of the ſound unto our hearing.

4. *Fulmen* is that kind of lightning which is moſt violent and hurtful, which is generated when a hot exhalation is encloſed within the body of a thick cloud, out of which when it burſteth forth it is inflamed, and ſo driven forcibly upon the earth, by which means it hath often done great miſchief: and when this lightning breaketh forth, it cauſeth the thunder-crack to be ſuddain, and very great, like the report of a muſket.

Of Earthquakes.

When much wind is gotten into the bowels and concavities of the earth, and afterwards breaketh forth, it cauſeth the earthquake,or ſhaking of the earth; and ſometimes by the violent eruption of the windy exhalation out of the earth, it caſteth up the earth into the air; and at other times it cauſeth the land to ſink a great depth, ſwallowing up whole Cities and Towns, yea, and alſo great hills and moun-

mountains, leaving in place thereof, either great holes, or Lakes of water.

Of Comets or Blazing Stars.

A Comet or Blazing ſtar is an exhalation hot and dry, and of a thick, fat, and groſs matter, great in quantity, and hard, compact together like a lump of pitch; which being carried in the higheſt Region of the Air, is by the exceſſive heat of the place ſet on fire, and appears like a great ſtar, with a long tayl ottentimes, and ſo burneth till the ſubſtance of it is conſumed.

Now for the colour, we uſually obſerve three ſorts or differences, namely, white, ruddy, and blew; which ariſeth from the matter of which it is compact: For if it be thin, the colour is white and wateriſh; if of indifferent thickneſs, it appears ruddy; but when the matter thereof is very thick, it ſeems blew. In like manner Comets are of three ſorts or faſhions: For ſometimes they are round, having circumambient Rays; and that when the ſubſtance of the exhalation is thickeſt in the middle, and thin about the ſides. The ſecond is with a beard or bruiſh tayl ſtreaming downwards; which is when the matter thereof is thick above, and thin below. The third ſort is like the ſecond, ſaving that the tayl extendeth out ſide-long in length. And here you are to note, that for the time of their laſting, ſome are of longer continuance than others, according to the quantity of the exhalation; for ſome laſt but a week, ſome 20, 30, 40, or 50 days; but ſcarce ever any that ſhine leſs than ſeven days, or more than ſix months, being moſt commonly generated in Autumn, or end of Harveſt.

FINIS.